

22763 U.S. PTO  
031104

MP0432

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Shirali, Kedar et al.

Group Art Unit: Not Yet  
Assigned

Serial No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: Herewith

Title: A Mechanism to Improve Quality of Channel Estimates in OFDM  
Transmissions

SUBMISSION OF CREDIT CARD PAYMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please charge fees associated with the subject filing to the following:  
American Express Corporate Credit Card Account [REDACTED]  
Credit Card Expiration Date: 04/04  
Name as it Appears on Credit Card: Eric B. Janofsky  
Payment Amount in U.S. Dollars: \$ 2,836.00

Signature: 

Date: 3/10/07

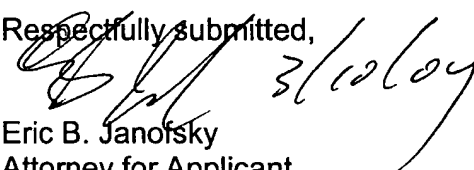
Credit Card Billing Address:

Eric B. Janofsky  
225 West Ferndale Ave.  
Sunnyvale, CA 94085

00 FC:  
03/17/2004 DTESSEM1 00000058 10799548

01 FC:1001	770.00 OP
02 FC:1202	1206.00 OP
03 FC:1201	860.00 OP

Respectfully submitted,

  
Eric B. Janofsky  
Attorney for Applicant  
Registration No. 30759

Please address all correspondence to:  
Eric B. Janofsky  
General Patent Counsel  
Marvell Semiconductor, Inc.  
700 First Avenue, Mail Stop 509  
Sunnyvale, CA 94089  
General Telephone Number (408) 222-2500  
Facsimile (408) 752-9034  
Email: [janofsky@marvell.com](mailto:janofsky@marvell.com)  
Customer No. 23624

Date: 3/10/07

19270 U.S. PTO  
10799548  
031104

# FISH & RICHARDSON P.C.

12390 El Camino Real  
San Diego, California  
92130

Telephone  
858 678-5070

Facsimile  
858 678-5099

Web Site  
www.fr.com

March 11, 2004

Attorney Docket No.: MP0432

## Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450



BOSTON

DALLAS

DELAWARE

NEW YORK

SAN DIEGO

SILICON VALLEY

TWIN CITIES

WASHINGTON, DC

Presented for filing is a new patent application claiming priority from a provisional patent application of:

Applicant: KEDAR SHIRALI and HEMANTH SAMPATH

Title: A MECHANISM TO IMPROVE QUALITY OF CHANNEL ESTIMATES IN OFDM TRANSMISSIONS

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	12
Claims	26
Abstract	1
Declaration	3
Drawing(s)	6

### Enclosures:

- Assignment cover sheet (1 page) and an assignment, 1 page, and a separate \$40 fee with Submission of Credit Card Payment.
- Assignment cover sheet (1 page) and an assignment, 2 pages, and a separate \$40 fee with Submission of Credit Card Payment.
- Request for Non-Publication.
- Postcards (6).

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 399 312 251 US

March 11, 2004  
Date of Deposit



FISH & RICHARDSON P.C.

Commissioner for Patents  
March 11, 2004  
Page 2

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/525,014, filed November 25, 2003.

Total Claims 87; Independent Claims 13.

Basic filing fee	\$770
Total claims in excess of 20 times \$18	\$1206
Independent claims in excess of 3 times \$86	\$860
Fee for multiple dependent claims	\$0
Total filing fee:	\$2836

A Submission of Credit Card Payment for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number 13361-085001..

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 678-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

23624

PTO Customer Number

Respectfully submitted,

Scott C. Harris  
Reg. No. 32,030

/BY  
KENYON S. JENCKES  
REG. NO. 41,873

Enclosures  
SCH/KSJ/smr

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Shirali et al.
Title	A Mechanism to Improve Quality of Channel Estimates in OFDM Transmissions
Atty Docket Number	MP0432

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 11, 2004

Date

Signature

/BY

KENYON S. JENCKES  
REG. NO. 41,873

Scott C. Harris, Reg. No. 32,030

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**